

Mr. Richard Gehring
AM General Corporation
13200 McKinley Highway
Mishawaka, IN 46545

Re: **141-12041**
First Administrative Amendment to
Part 70 T 141-6023-00031

Dear Mr. Gehring:

AM General Corporation was issued a Part 70 Operating Permit on February 25, 1999 for a stationary plant for the production of HUMMERs for military and commercial use. A minor source modification was issued on August 16, 1999. A letter requesting a change was received on March 15, 2000.

The source is physically moving the spray coating operations identified as 007 to another location within the plant. The paint booth will continue to use the spray equipment initially constructed in 1983, and permitted in the Title V Operating Permit. Different walls and filter banks will be used to accommodate the booth in another location. The equipment will exhaust to a new stack S19. The permit requirements will remain the same. There is no increase in the potential to emit. The changes are as follows, with deleted language as ~~strikeouts~~ and new language **bolded**. Pursuant to the provisions of 326 IAC 2-7-11, the permit is hereby administratively amended as follows:

Item (1)(g) in Section A.2 and the Facility Description Box in Section D.1 has been changed as follows:

- (g) One (1) ~~new~~ touch-up/repair ~~small parts~~ spray coating operation, constructed in 1983, identified as 007, for the **repair of truck body surfaces which may have been damaged in assembly or which may have defects in the quality of surface coating, or surface coating of small parts for distribution as service (replacement) parts to be assembled in the field**, ~~coating of small metal truck components~~; with PM overspray controlled by dry filters, and exhausting to stack S19.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

AM General Corporation
Mishawaka, Indiana
Permit Reviewer: MES

First Administrative Amendment AA 141-10241
OP No. T 141-6023-00031

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact CarrieAnn Ortolani, c/o OAM, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, at 631-691-3395 or in Indiana at 1-800-451-6027 (ext 631-691-3395).

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Management

Attachments
CAO/MES

cc: File - St. Joseph County
U.S. EPA, Region V
St. Joseph County Health Department
Air Compliance Section Inspector - Rick Reynolds
Compliance Data Section - Karen Nowak
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michele Boner

PART 70 OPERATING PERMIT OFFICE OF AIR MANAGEMENT

**AM General Corporation
13200 McKinley Highway
Mishawaka, Indiana 46545**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 and 326 IAC 2-1-3.2 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T 141-6023-00031	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date: February 25, 1999

First Minor Source Modification 141-10954-00031, issued on August 16, 1999

First Administrative Amendment: AA 141-12041-00031		Pages Affected: 6 and 28
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date:	

per hour, with PM overspray controlled by water wash, and exhausting to stacks S15, S16, S17 and S18.

- (g) One (1) touch-up/repair spray coating operation, constructed in 1983, identified as 007, for the repair of truck body surfaces which may have been damaged in assembly or which may have defects in the quality of surface coating, or surface coating of small parts for distribution as service (replacement) parts to be assembled in the field, with PM overspray controlled by dry filters, and exhausting to stack S19.
 - (h) One (1) spray coating operation, constructed in 1991, identified as 008, for the prime coating and topcoating of metal commercial truck bodies, with a maximum capacity of 2 units per hour, with PM overspray controlled by dry filters, and exhausting to stacks S21, S22, S23, S24, S25, S26 and S27.
 - (i) One (1) spray coating operation, constructed in 1993, identified as 009, for accent and trim painting of metal commercial truck bodies, with a maximum capacity of 2 units per hour, with PM overspray controlled by dry filters, and exhausting to stacks S28 and S29.
- (2) Two (2) 25.2 MMBtu per hour natural gas-fired boilers, constructed in 1983, identified as 010 and 011, with no controls and exhausting to stacks S30 and S31, respectively.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)]
[326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21).

- (1) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour. (two (2) 1.5 MMBtu per hour boilers)
- (2) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6.
- (3) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment.
- (4) Detail sanding prep for paint.
- (5) Grinding and machining operations controlled with fabric filters, scrubbers, mist collectors, wet collectors and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4000 actual cubic feet per minute, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations.

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22).
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

D.1 FACILITY OPERATION CONDITIONS - Surface Coating Booths

Facility Description [326 IAC 2-7-5(15)]

(1) Surface coating booths of the following types:

- (a) One (1) spraying and dipping operation, constructed in 1983, identified as 001, for the prime coating of small metal parts, with PM overspray from the spraying controlled by water wash, and exhausting at stacks S1 and S2.
- (b) One (1) spraying and dipping operation, constructed in 1983, identified as 002, for the topcoating of small metal parts, with a maximum capacity of 12.5 units per hour, with PM overspray from the spraying controlled by water wash, and exhausting at stacks S3 and S4.
- (c) One (1) spray coating operation, constructed in 1983, identified as 003, for the prime coating of 1.25 ton metal truck bodies, with a maximum capacity of 12.5 units per hour, with PM overspray controlled by water wash, and exhausting to stacks S5, S6, S7 and S8.
- (d) One (1) spray coating operation, constructed in 1983, identified as 004, for the topcoating of metal truck bodies, with a maximum capacity of 12.5 units per hour, with PM overspray controlled by water wash, and exhausting to stacks S9, S10, S11 and S12.
- (e) One (1) spray coating operation, constructed in 1983, identified as 005, for the topcoating of metal truck chassis, with a maximum capacity of 12.5 units per hour, with PM overspray controlled by water wash, and exhausting to stacks S13, and S14.
- (f) One (1) spray coating operation, constructed in 1983, identified as 006, for the camouflage painting of metal truck bodies, with a maximum capacity of 12.5 units per hour, with PM overspray controlled by water wash, and exhausting to stacks S15, S16, S17 and S18.
- (g) One (1) touch-up/repair spray coating operation, constructed in 1983, identified as 007, for the repair of truck body surfaces which may have been damaged in assembly or which may have defects in the quality of surface coating, or surface coating of small parts for distribution as service (replacement) parts to be assembled in the field, with PM overspray controlled by dry filters, and exhausting to stack S19.
- (h) One (1) spray coating operation, constructed in 1991, identified as 008, for the prime coating and topcoating of metal commercial truck bodies, with a maximum capacity of 2 units per hour, with PM overspray controlled by dry filters, and exhausting to stacks S21, S22, S23, S24, S25, S26 and S27.
- (i) One (1) spray coating operation, constructed in 1993, identified as 009, for accent and trim painting of metal commercial truck bodies, with a maximum capacity of 2 units per hour, with PM overspray controlled by dry filters, and exhausting to stacks S28 and S29.

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-9]

Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), the volatile organic compound (VOC) content of coating delivered to the applicators of spray booths 001 - 009 shall be limited to the following:

- (a) 3.5 pounds of VOCs per gallon of coating less water, for forced warm air dried coatings; and
- (b) 4.3 pounds of VOCs per gallon of coating less water, for clear coatings.